HEALTH RELATED QUALITY OF LIFE AFTER SURGICAL REPAIR OF ESOPHAGEAL ATRESIA

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Introduction
Evaluation of health related quality of life (HRQoL) after surgical repair of esophageal atresia (EA) is an important factor for effective treatment and proper care of the child by health professionals. The aim of this study was to assess a HRQoL in children born with EA.

Methods
The work diagnostic survey method was applied using an Authors-Designed Questionnaire (ADQ), and Polish version of standardized questionnaire the PedsQL™ 4.0 generic core scales.

Results
73 participants (31 girls, 42 boys)
51% premature were identified
56% had associated malformations
The analysis of 73 patients owed that there is a significant correlation \( p<0.034 \) between gestation age and QoL in the domain of social functioning (Tabl.1)

In the surveyed group the mean QoL score in emotional functioning were significantly lower 57 [range 30-100] then in social functioning 72 [range 0 – 100], whereas mean physical functioning score was 69 [range 25-100]

The presence of concomitant anomalies does affect the overall generic QoL (Fig.1)

Conclusions
QoL of premature and syndromic with EA appears to be low.

<table>
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<tr>
<th>Dimention</th>
<th>Gestation age</th>
<th>Mean</th>
<th>SD</th>
<th>P-value</th>
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<td>Functioning</td>
<td>Term</td>
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<td>26.77</td>
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<td>Term</td>
<td>79.04</td>
<td>19.99</td>
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</tbody>
</table>

SD= standard deviation, significant at \( P<0.05 \)

Figure 1. Score ranges from 0 (worst) to 100 (best), the higher the score, the better QoL